

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

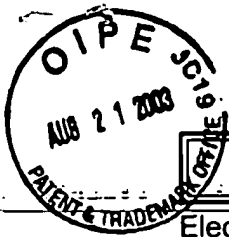
Stylesheet Version v18.0

| Title of Invention | ISOLATION OF SUBTERRANEAN ZONES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------|------------|------------|------------------|------|-------|----------|----------|------------|------|----------|------|-------|----------|---|---|---------|------------|----------|--|--|--|---|---|---------|------------|---------|--|--|--|--|---|---------|------------|----------|--|--|--|--|---|---------|------------|---------|--|--|--|--|---|---------|------------|---------|--|--|--|--|---|---------|------------|--------------|--|--|--|--|---|---------|------------|--------------|--|--|--|--|---|---------|------------|------------------|--|--|--|--|---|---------|------------|------------------|--|--|--|--|----|---------|------------|------------------|--|--|--|--|----|---------|------------|-----------------|--|--|--|--|----|---------|------------|--------------|--|--|--|--|----|---------|------------|--------------|--|--|--|--|----|---------|------------|---------|--|--|--|--|----|---------|------------|--------------|--|--|--|---|----|---------|------------|--------------|--|--|--|---|----|---------|------------|-----------------|--|--|--|
| <p>Application Number: 10/619285</p> <p>Confirmation Number: 7446</p> <p>First Named Applicant: Robert Cook</p> <p>Attorney Docket Number: 25791.292</p> <p>Search string: (6454013 or 6457532 or 6457533 or 6457749 or 6460615 or 6470966 or 6497289 or 6517126 or 6527049 or 6543552 or 6550821 or 6557640 or 6561227 or 6564875 or 6568471 or 6575240 or 6578630 or 6585053 or RE30802).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>7</td><td>1</td><td>6454013</td><td>2002-09-24</td><td>Metcalfe</td><td></td><td></td><td></td></tr><tr><td>7</td><td>2</td><td>6457532</td><td>2002-10-01</td><td>Simpson</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>6457533</td><td>2002-10-01</td><td>Metcalfe</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>6457749</td><td>2002-10-01</td><td>Heijnen</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>6460615</td><td>2002-10-08</td><td>Heijnen</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>6470966</td><td>2002-10-29</td><td>Cook, et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>6497289</td><td>2002-12-24</td><td>Cook, et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>6517126</td><td>2003-02-11</td><td>Peterson, et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>6527049</td><td>2003-03-04</td><td>Metcalfe, et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>6543552</td><td>2003-04-08</td><td>Metcalfe, et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>11</td><td>6550821</td><td>2003-04-22</td><td>DeLange, et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>12</td><td>6557640</td><td>2003-05-06</td><td>Cook, et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>13</td><td>6561227</td><td>2003-05-13</td><td>Cook, et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>14</td><td>6564875</td><td>2003-05-20</td><td>Bullock</td><td></td><td></td><td></td></tr><tr><td></td><td>15</td><td>6568471</td><td>2003-05-27</td><td>Cook, et al.</td><td></td><td></td><td></td></tr><tr><td>7</td><td>16</td><td>6575240</td><td>2003-06-10</td><td>Cook, et al.</td><td></td><td></td><td></td></tr><tr><td>7</td><td>17</td><td>6578630</td><td>2003-06-17</td><td>Simpson, et al.</td><td></td><td></td><td></td></tr></tbody></table> | | | | | | | init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | 7 | 1 | 6454013 | 2002-09-24 | Metcalfe | | | | 7 | 2 | 6457532 | 2002-10-01 | Simpson | | | | | 3 | 6457533 | 2002-10-01 | Metcalfe | | | | | 4 | 6457749 | 2002-10-01 | Heijnen | | | | | 5 | 6460615 | 2002-10-08 | Heijnen | | | | | 6 | 6470966 | 2002-10-29 | Cook, et al. | | | | | 7 | 6497289 | 2002-12-24 | Cook, et al. | | | | | 8 | 6517126 | 2003-02-11 | Peterson, et al. | | | | | 9 | 6527049 | 2003-03-04 | Metcalfe, et al. | | | | | 10 | 6543552 | 2003-04-08 | Metcalfe, et al. | | | | | 11 | 6550821 | 2003-04-22 | DeLange, et al. | | | | | 12 | 6557640 | 2003-05-06 | Cook, et al. | | | | | 13 | 6561227 | 2003-05-13 | Cook, et al. | | | | | 14 | 6564875 | 2003-05-20 | Bullock | | | | | 15 | 6568471 | 2003-05-27 | Cook, et al. | | | | 7 | 16 | 6575240 | 2003-06-10 | Cook, et al. | | | | 7 | 17 | 6578630 | 2003-06-17 | Simpson, et al. | | | |
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|----|----|---------|------------|--------|
| 77 | 18 | 6585053 | 2003-07-01 | Coon |
| 77 | 19 | RE30802 | 1981-11-24 | Rogers |


Signature

| Examiner Name | Date |
|------------------|---------------|
| <i>Frank Tso</i> | <i>7/2/05</i> |



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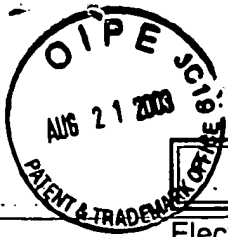
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| <p>Application Number: 10/619285 </p> <p>Confirmation Number: 7446</p> <p>First Named Applicant: Robert Cook</p> <p>Attorney Docket Number: 25791.292</p> <p>Search string: (20010002626 or 20010020532 or 20010045284 or 20010047870 or 20020011339 or 20020014339 or 20020062956 or 20020066576 or 20020066578 or 20020070023 or 20020070031 or 20020079101 or 20020084070 or 20020092654 or 20020108756 or 20020139540 or 20020144822 or 20020148612 or 20020185274 or 20020189816 or 20020195252 or 20020195256 or 20030024711 or 20030047323 or 20030056991 or 20030066655 or 20030075338 or 20030094277 or 20030094278 or 20030094279 or 20030098154 or 20030098162 or 20030107217 or 20030116325 or 20030121558 or 20030121669).pn.</p> <p>US Published Applications</p> <p>Note: Applicant is not required to submit a paper copy of cited US Published Applications</p> <table border="1"><thead><tr><th>ipit</th><th>Cite.No.</th><th>Pub. No.</th><th>Date</th><th>Applicant</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>20010002626</td><td>2001-06-07</td><td>Frank, et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>2</td><td>20010020532</td><td>2001-09-13</td><td>Baugh, et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>3</td><td>20010045284</td><td>2001-11-29</td><td>Simpson, et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>4</td><td>20010047870</td><td>2001-12-06</td><td>Cook, et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>5</td><td>20020011339</td><td>2002-01-31</td><td>Murray</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>6</td><td>20020014339</td><td>2002-02-07</td><td>Ross</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>7</td><td>20020062956</td><td>2002-05-30</td><td>Murray, et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>8</td><td>20020066576</td><td>2002-06-06</td><td>Cook, et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>9</td><td>20020066578</td><td>2002-06-06</td><td>Broome</td><td></td><td></td><td></td></tr></tbody></table> | | | | | | | | ipit | Cite.No. | Pub. No. | Date | Applicant | Kind | Class | Subclass | <input checked="" type="checkbox"/> | 1 | 20010002626 | 2001-06-07 | Frank, et al. | | | | <input checked="" type="checkbox"/> | 2 | 20010020532 | 2001-09-13 | Baugh, et al. | | | | <input checked="" type="checkbox"/> | 3 | 20010045284 | 2001-11-29 | Simpson, et al. | | | | <input checked="" type="checkbox"/> | 4 | 20010047870 | 2001-12-06 | Cook, et al. | | | | <input checked="" type="checkbox"/> | 5 | 20020011339 | 2002-01-31 | Murray | | | | <input checked="" type="checkbox"/> | 6 | 20020014339 | 2002-02-07 | Ross | | | | <input checked="" type="checkbox"/> | 7 | 20020062956 | 2002-05-30 | Murray, et al. | | | | <input checked="" type="checkbox"/> | 8 | 20020066576 | 2002-06-06 | Cook, et al. | | | | <input checked="" type="checkbox"/> | 9 | 20020066578 | 2002-06-06 | Broome | | | |
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Signature

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| Examiner Name | Date |
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

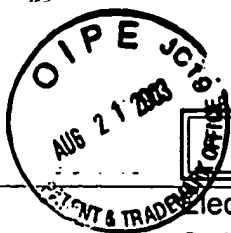
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| <h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>7</td><td>1</td><td>0046818</td><td>1865-03-14</td><td>Patterson</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>0331940</td><td>1885-12-08</td><td>Bole</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>0332184</td><td>1885-12-08</td><td>Bole</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>0341237</td><td>1886-05-04</td><td>Healey</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>0519805</td><td>1894-05-15</td><td>Bavier</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>0806156</td><td>1905-12-05</td><td>Marshall</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>0958517</td><td>1910-05-17</td><td>Mettler</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>0984449</td><td>1911-02-14</td><td>Stewart</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>1233888</td><td>1917-07-17</td><td>Leonard</td><td></td><td></td><td></td></tr><tr><td>7</td><td>10</td><td>1589781</td><td>1926-06-22</td><td>Anderson</td><td></td><td></td><td></td></tr><tr><td>7</td><td>11</td><td>1590357</td><td>1926-06-29</td><td>Feisthamel</td><td></td><td></td><td></td></tr></tbody></table> | | | | | | | init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | 7 | 1 | 0046818 | 1865-03-14 | Patterson | | | | | 2 | 0331940 | 1885-12-08 | Bole | | | | | 3 | 0332184 | 1885-12-08 | Bole | | | | | 4 | 0341237 | 1886-05-04 | Healey | | | | | 5 | 0519805 | 1894-05-15 | Bavier | | | | | 6 | 0806156 | 1905-12-05 | Marshall | | | | | 7 | 0958517 | 1910-05-17 | Mettler | | | | | 8 | 0984449 | 1911-02-14 | Stewart | | | | | 9 | 1233888 | 1917-07-17 | Leonard | | | | 7 | 10 | 1589781 | 1926-06-22 | Anderson | | | | 7 | 11 | 1590357 | 1926-06-29 | Feisthamel | | | |
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| | 3 | 0332184 | 1885-12-08 | Bole | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 6 | 0806156 | 1905-12-05 | Marshall | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 42 | 3203451 | 1965-08-31 | Vincent |
| | 43 | 3203483 | 1965-08-31 | Vincent |
| | 44 | 3209546 | 1965-10-05 | Lawton |
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| | 46 | 3270817 | 1966-09-06 | Papaila |
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| 7 | 48 | 3326293 | 1967-06-20 | Skipper |
| 7 | 49 | 3353599 | 1967-11-21 | Swift |
| 7 | 50 | 3354955 | 1967-11-28 | Berry |

Signature

| Examiner Name | Date |
|-------------------------|---------|
| <i>Eric [Signature]</i> | 1/24/15 |



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

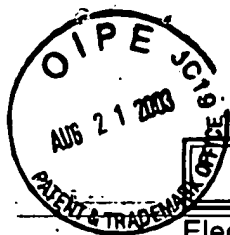
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| <p>Application Number: 10/619285</p> <p>Confirmation Number: 7446</p> <p>First Named Applicant: Robert Cook</p> <p>Attorney Docket Number: 25791.292</p> <p>Search string: (4637436 or 4646787 or 4651836 or 4656779 or 4660863 or 4662446 or 4669541 or 4682797 or 4685191 or 4685834 or 4693498 or 4711474 or 4714117 or 4730851 or 4735444 or 4739654 or 4739916 or 4776394 or 4793382 or 4796668 or 4817710 or 4817716 or 4827594 or 4828033 or 4830109 or 4865127 or 4872253 or 4887646 or 4892337 or 4893658 or 4907828 or 4911237 or 4913758 or 4915426 or 4934312 or 4941512 or 4941532 or 4942926 or 4958691 or 4968184 or 4971152 or 4976322 or 4981250 or 5014779 or 5015017 or 5026074 or 5031699 or 5040283 or 5044676 or 5052483).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>/</td><td>1</td><td>4637436</td><td>1987-01-20</td><td>Stewart, et al.</td><td></td><td></td><td></td></tr><tr><td>/</td><td>2</td><td>4646787</td><td>1987-03-03</td><td>Rush, et al.</td><td></td><td></td><td></td></tr><tr><td>/</td><td>3</td><td>4651836</td><td>1987-03-24</td><td>Richards</td><td></td><td></td><td></td></tr><tr><td>/</td><td>4</td><td>4656779</td><td>1987-04-14</td><td>Fedeli</td><td></td><td></td><td></td></tr><tr><td>/</td><td>5</td><td>4660863</td><td>1987-04-28</td><td>Bailey, et al.</td><td></td><td></td><td></td></tr><tr><td>/</td><td>6</td><td>4662446</td><td>1987-05-05</td><td>Brisco, et al.</td><td></td><td></td><td></td></tr><tr><td>/</td><td>7</td><td>4669541</td><td>1987-06-02</td><td>Bissonnette</td><td></td><td></td><td></td></tr><tr><td>/</td><td>8</td><td>4682797</td><td>1987-07-28</td><td>Hildner</td><td></td><td></td><td></td></tr><tr><td>/</td><td>9</td><td>4685191</td><td>1987-08-11</td><td>Mueller, et al.</td><td></td><td></td><td></td></tr><tr><td>/</td><td>10</td><td>4685834</td><td>1987-08-11</td><td>Jordan</td><td></td><td></td><td></td></tr><tr><td>/</td><td>11</td><td>4693498</td><td>1987-09-15</td><td>Baugh, et al.</td><td></td><td></td><td></td></tr></tbody></table> | | | | | | | | init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | / | 1 | 4637436 | 1987-01-20 | Stewart, et al. | | | | / | 2 | 4646787 | 1987-03-03 | Rush, et al. | | | | / | 3 | 4651836 | 1987-03-24 | Richards | | | | / | 4 | 4656779 | 1987-04-14 | Fedeli | | | | / | 5 | 4660863 | 1987-04-28 | Bailey, et al. | | | | / | 6 | 4662446 | 1987-05-05 | Brisco, et al. | | | | / | 7 | 4669541 | 1987-06-02 | Bissonnette | | | | / | 8 | 4682797 | 1987-07-28 | Hildner | | | | / | 9 | 4685191 | 1987-08-11 | Mueller, et al. | | | | / | 10 | 4685834 | 1987-08-11 | Jordan | | | | / | 11 | 4693498 | 1987-09-15 | Baugh, et al. | | | |
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| / | 6 | 4662446 | 1987-05-05 | Brisco, et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 40 | 4968184 | 1990-11-06 | Reid |
| 41 | 4971152 | 1990-11-20 | Koster, et al. |
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| 45 | 5015017 | 1991-05-14 | Geary |
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| 6 | 49 | 5044676 | 1991-09-03 | Burton, et al. |
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Signature

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| Examiner Name | Date |
| <i>Frank B...</i> | <i>1/21/08</i> |



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

| Title of Invention | ISOLATION OF SUBTERRANEAN ZONES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 17 | 6056059 | 2000-05-02 | Ohmer |
| 18 | 6062324 | 2000-05-16 | Hipp |
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| 22 | 6078031 | 2000-06-20 | Bliault, et al. |
| 23 | 6079495 | 2000-06-27 | Ohmer |
| 24 | 6085838 | 2000-07-11 | Vercaemer, et al. |
| 25 | 6089320 | 2000-07-18 | LaGrange |
| 26 | 6098717 | 2000-08-08 | Bailey, et al. |
| 27 | 6102119 | 2000-08-15 | Raines |
| 28 | 6109355 | 2000-08-29 | Reid |
| 29 | 6112818 | 2000-09-05 | Campbell |
| 30 | 6131265 | 2000-10-17 | Bird |
| 31 | 6135208 | 2000-10-24 | Gano, et al. |
| 32 | 6142230 | 2000-11-07 | Smalley, et al. |
| 33 | 6182775 | 2001-02-06 | Hipp |
| 34 | 6196336 | 2001-03-06 | Fincher, et al. |
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| 36 | 6250385 | 2001-06-26 | Montaron |
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| 38 | 6263972 | 2001-07-24 | Richard, et al. |
| 39 | 6283211 | 2001-09-04 | Vloedman |
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| 42 | 6328113 | 2001-12-11 | Cook |
| 43 | 6345431 | 2002-02-12 | Greig |
| 44 | 6354373 | 2002-03-12 | Vercaemer, et al. |
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| 46 | 6419033 | 2002-07-16 | Hahn, et al. |
| 47 | 6419147 | 2002-07-16 | Daniel |

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| 48 | 6425444 | 2002-07-30 | Metcalf, et al. |
| 49 | 6446724 | 2002-09-10 | Baugh, et al. |
| 50 | 6015012 | 2000-01-18 | Reddick |

Signature

| Examiner Name | Date |
|------------------|----------------|
| <i>Frank ISO</i> | <i>1/21/05</i> |



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

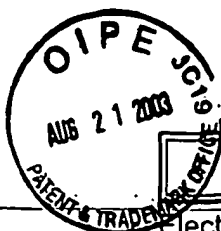
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| <p>Application Number: 10/619285</p> <p>Confirmation Number: 7446</p> <p>First Named Applicant: Robert Cook</p> <p>Attorney Docket Number: 25791.292</p> <p>Search string: (4190108 or 4205422 or 4253687 or 4274665 or 4304428 or 4359889 or 4363358 or 4366971 or 4368571 or 4379471 or 4380347 or 4391325 or 4393931 or 4396061 or 4402372 or 4407681 or 4411435 or 4413395 or 4413682 or 4420866 or 4421169 or 4423889 or 4423986 or 4429741 or 4440233 or 4444250 or 4462471 or 4469356 or 4473245 or 4483399 or 4485847 or 4501327 or 4505017 or 4508129 or 4511289 or 4519456 or 4526232 or 4553776 or 4573248 or 4576386 or 4590227 or 4590995 or 4592577 or 4605063 or 4611662 or 4629218 or 4630849 or 4632944 or 4634317 or 4635333).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>Inv</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>1</td><td>1</td><td>4190108</td><td>1980-02-26</td><td>Webber</td><td></td><td></td><td></td></tr><tr><td>2</td><td>2</td><td>4205422</td><td>1980-06-03</td><td>Hardwick</td><td></td><td></td><td></td></tr><tr><td>3</td><td>3</td><td>4253687</td><td>1981-03-03</td><td>Maples</td><td></td><td></td><td></td></tr><tr><td>4</td><td>4</td><td>4274665</td><td>1981-06-23</td><td>Marsh, Jr.</td><td></td><td></td><td></td></tr><tr><td>5</td><td>5</td><td>4304428</td><td>1981-12-08</td><td>Grigorian, et al.</td><td></td><td></td><td></td></tr><tr><td>6</td><td>6</td><td>4359889</td><td>1982-12-23</td><td>Kelly</td><td></td><td></td><td></td></tr><tr><td>7</td><td>7</td><td>4363358</td><td>1982-12-14</td><td>Ellis</td><td></td><td></td><td></td></tr><tr><td>8</td><td>8</td><td>4366971</td><td>1983-01-04</td><td>Lula</td><td></td><td></td><td></td></tr><tr><td>9</td><td>9</td><td>4368571</td><td>1983-01-18</td><td>Cooper, Jr.</td><td></td><td></td><td></td></tr><tr><td>10</td><td>10</td><td>4379471</td><td>1983-04-12</td><td>Kuenzel</td><td></td><td></td><td></td></tr><tr><td>11</td><td>11</td><td>4380347</td><td>1983-04-19</td><td>Sable</td><td></td><td></td><td></td></tr></tbody></table> | | | | | | | Inv | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | 1 | 1 | 4190108 | 1980-02-26 | Webber | | | | 2 | 2 | 4205422 | 1980-06-03 | Hardwick | | | | 3 | 3 | 4253687 | 1981-03-03 | Maples | | | | 4 | 4 | 4274665 | 1981-06-23 | Marsh, Jr. | | | | 5 | 5 | 4304428 | 1981-12-08 | Grigorian, et al. | | | | 6 | 6 | 4359889 | 1982-12-23 | Kelly | | | | 7 | 7 | 4363358 | 1982-12-14 | Ellis | | | | 8 | 8 | 4366971 | 1983-01-04 | Lula | | | | 9 | 9 | 4368571 | 1983-01-18 | Cooper, Jr. | | | | 10 | 10 | 4379471 | 1983-04-12 | Kuenzel | | | | 11 | 11 | 4380347 | 1983-04-19 | Sable | | | |
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| | 36 | 4519456 | 1985-05-28 | Cochran |
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| 7 | 50 | 4635333 | 1987-01-13 | Finch |

Signature

| Examiner Name | Date |
|---------------|---------|
| Finch SD | 1/21/05 |



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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| Title of Invention | ISOLATION OF SUBTERRANEAN ZONES | | | | | | |
|---|---------------------------------|------------|------------|-----------------|------|-------|----------|
| <p>Application Number: 10/619285</p> <p>Confirmation Number: 7446</p> <p>First Named Applicant: Robert Cook</p> <p>Attorney Docket Number: 25791.292</p> <p>Search string: (3358760 or 3358769 or 3364993 or 3412565 or 3419080 or 3424244 or 3477506 or 3489220 or 3498376 or 3568773 or 5665591 or 3669190 or 3682256 or 3687196 or 3691624 or 3693717 or 3704730 or 3711123 or 3712376 or 3746068 or 3746091 or 3746092 or 3764168 or 3776307 or 3779025 or 3780562 or 3785193 or 3797259 or 3812912 or 3818734 or 3866954 or 3885298 or 3887006 or 3893718 or 3898163 or 3915478 or 3935910 or 3945444 or 3948321 or 3970336 or 3977473 or 3997193 or 4011652 or 4026583 or 4053247 or 4069573 or 4076287 or 4096913 or 4098334 or 4152821).pn.</p> | | | | | | | |
| <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> | | | | | | | |
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| 78 | 50 | 4152821 | 1979-05-08 | Scott |


Signature

| Examiner Name | Date |
|----------------------|----------------|
| <i>Eric T. Scott</i> | <i>1/24/05</i> |



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

| Title of Invention | ISOLATION OF SUBTERRANEAN ZONES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Application Number: 10/619285 </p> <p>Confirmation Number: 7446</p> <p>First Named Applicant: Robert Cook</p> <p>Attorney Docket Number: 25791.292</p> <p>Search string: (5059043 or 5079837 or 5083608 or 5093015 or 5095991 or 5107221 or 5119661 or 5156043 or 5156223 or 5174376 or 5181571 or 5197553 or 5209600 or 5226492 or 5286393 or 5314209 or 5318122 or 5318131 or 5325923 or 5330850 or 5332049 or 5333692 or 5335736 or 5337808 or 5337823 or 5339894 or 5343949 or 5346007 or 5332038 or 5348087 or 5348093 or 5348095 or 5348668 or 5351752 or 5360292 or 5361843 or 5366010 or 5366012 or 5368075 or 5370425 or 5375661 or 5388648 or 5390735 or 5390742 or 5396957 or 5405171 or 5425559 or 5426130 or 5435395 or 5439320).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>int</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>5059043</td><td>1991-10-01</td><td>Kuhne</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>2</td><td>5079837</td><td>1992-01-14</td><td>Vanselow</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>3</td><td>5083608</td><td>1992-01-28</td><td>Abdrakhmanov, et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>4</td><td>5093015</td><td>1992-03-03</td><td>Oldiges</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>5</td><td>5095991</td><td>1992-03-17</td><td>Milberger</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>6</td><td>5107221</td><td>1992-04-21</td><td>N'Guyen, et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>7</td><td>5119661</td><td>1992-06-09</td><td>Abdrakhmanov, et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>8</td><td>5156043</td><td>1992-10-20</td><td>Ose</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>9</td><td>5156223</td><td>1992-10-20</td><td>Hipp</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>10</td><td>5174376</td><td>1992-12-19</td><td>Singeetham</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>11</td><td>5181571</td><td>1993-01-26</td><td>Mueller, et al.</td><td></td><td></td><td></td></tr></tbody></table> | | | | | | | | int | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | <input checked="" type="checkbox"/> | 1 | 5059043 | 1991-10-01 | Kuhne | | | | <input checked="" type="checkbox"/> | 2 | 5079837 | 1992-01-14 | Vanselow | | | | <input type="checkbox"/> | 3 | 5083608 | 1992-01-28 | Abdrakhmanov, et al. | | | | <input type="checkbox"/> | 4 | 5093015 | 1992-03-03 | Oldiges | | | | <input type="checkbox"/> | 5 | 5095991 | 1992-03-17 | Milberger | | | | <input type="checkbox"/> | 6 | 5107221 | 1992-04-21 | N'Guyen, et al. | | | | <input type="checkbox"/> | 7 | 5119661 | 1992-06-09 | Abdrakhmanov, et al. | | | | <input type="checkbox"/> | 8 | 5156043 | 1992-10-20 | Ose | | | | <input type="checkbox"/> | 9 | 5156223 | 1992-10-20 | Hipp | | | | <input checked="" type="checkbox"/> | 10 | 5174376 | 1992-12-19 | Singeetham | | | | <input checked="" type="checkbox"/> | 11 | 5181571 | 1993-01-26 | Mueller, et al. | | | |
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| <input checked="" type="checkbox"/> | 11 | 5181571 | 1993-01-26 | Mueller, et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 36 | 5361843 | 1994-11-08 | Shy, et al. |
| 37 | 5366010 | 1994-11-22 | Zwart |
| 38 | 5366012 | 1994-11-22 | Lohbeck |
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| 48 | 5426130 | 1995-06-20 | Thurder, et.al. |
| 49 | 5435395 | 1995-07-25 | Connell |
| 50 | 5439320 | 1995-08-08 | Abrams |

Signature


| Examiner Name | Date |
|------------------|----------------|
| <i>Paul Boyd</i> | <i>7/21/15</i> |



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| <p>Application Number: 10/619285 </p> <p>Confirmation Number: 7446</p> <p>First Named Applicant: Robert Cook</p> <p>Attorney Docket Number: 25791.292</p> <p>Search string: (5447201 or 5454419 or 5462120 or 5467822 or 5472055 or 5474334 or 5494106 or 5507343 or 5511620 or 5524937 or 5535824 or 5536422 or 5540281 or 5576485 or 5606792 or 5611399 or 5613557 or 5617918 or 5642560 or 5642781 or 5664327 or 5667011 or 5678609 or 5667252 or 5685369 or 5689871 or 5695008 or 5695009 or 5718288 or 5775422 or 5785120 or 5787933 or 5791419 or 5794702 or 5797454 or 5829520 or 5829524 or 5833001 or 5845945 or 5849188 or 5857524 or 5875851 or 5885941 or 5901789 or 5918677 or 5924745 or 5931511 or 5944100 or 5944107 or 5951207).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>int</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>7</td><td>1</td><td>5447201</td><td>1995-09-05</td><td>Mohn</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>5454419</td><td>1995-10-03</td><td>Vloedman</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>5462120</td><td>1995-10-31</td><td>Gondouin</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>5467822</td><td>1995-11-21</td><td>Zwart</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5472055</td><td>1995-12-05</td><td>Simson, et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5474334</td><td>1995-12-12</td><td>Eppink</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>5494106</td><td>1996-02-27</td><td>Gueguen, et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>5507343</td><td>1996-04-16</td><td>Carlton, et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>5511620</td><td>1996-04-30</td><td>Baugh, et al.</td><td></td><td></td><td></td></tr><tr><td>7</td><td>10</td><td>5524937</td><td>1996-06-11</td><td>Sides, et al.</td><td></td><td></td><td></td></tr><tr><td>7</td><td>11</td><td>5535824</td><td>1996-07-16</td><td>Hudson</td><td></td><td></td><td></td></tr></tbody></table> | | | | | | | | int | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | 7 | 1 | 5447201 | 1995-09-05 | Mohn | | | | | 2 | 5454419 | 1995-10-03 | Vloedman | | | | | 3 | 5462120 | 1995-10-31 | Gondouin | | | | | 4 | 5467822 | 1995-11-21 | Zwart | | | | | 5 | 5472055 | 1995-12-05 | Simson, et al. | | | | | 6 | 5474334 | 1995-12-12 | Eppink | | | | | 7 | 5494106 | 1996-02-27 | Gueguen, et al. | | | | | 8 | 5507343 | 1996-04-16 | Carlton, et al. | | | | | 9 | 5511620 | 1996-04-30 | Baugh, et al. | | | | 7 | 10 | 5524937 | 1996-06-11 | Sides, et al. | | | | 7 | 11 | 5535824 | 1996-07-16 | Hudson | | | |
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| | 2 | 5454419 | 1995-10-03 | Vloedman | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 5462120 | 1995-10-31 | Gondouin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 5467822 | 1995-11-21 | Zwart | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | 5472055 | 1995-12-05 | Simson, et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 | 5474334 | 1995-12-12 | Eppink | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 | 5494106 | 1996-02-27 | Gueguen, et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 | 5507343 | 1996-04-16 | Carlton, et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 | 5511620 | 1996-04-30 | Baugh, et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 10 | 5524937 | 1996-06-11 | Sides, et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 11 | 5535824 | 1996-07-16 | Hudson | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 7 | 12 | 5536422 | 1996-07-16 | Oldiges, et al. |
| | 13 | 5540281 | 1996-07-30 | Round |
| | 14 | 5576485 | 1996-11-19 | Serata |
| | 15 | 5606792 | 1996-12-19 | Schafer |
| | 16 | 5611399 | 1997-03-18 | Richard, et al. |
| | 17 | 5613557 | 1997-03-25 | Blount, et al. |
| | 18 | 5617918 | 1997-04-08 | Cooksey, et al. |
| | 19 | 5642560 | 1997-07-01 | Tabuchi, et al. |
| | 20 | 5642781 | 1997-07-01 | Richard |
| | 21 | 5664327 | 1997-09-09 | Swars |
| | 22 | 5667011 | 1997-09-16 | Gill, et al. |
| | 23 | 5678609 | 1997-10-21 | Washburn |
| | 24 | 5667252 | 1997-09-16 | Schafer, et al. |
| | 25 | 5685369 | 1997-11-11 | Ellis, et al. |
| | 26 | 5689871 | 1997-11-25 | Carstensen |
| | 27 | 5695008 | 1997-12-09 | Bertet, et al. |
| | 28 | 5695009 | 1997-12-09 | Hipp |
| | 29 | 5718288 | 1998-02-17 | Bertet, et al. |
| | 30 | 5775422 | 1998-07-07 | Wong, et al. |
| | 31 | 5785120 | 1998-07-28 | Smalley, et al. |
| | 32 | 5787933 | 1998-08-04 | Russ, et al. |
| | 33 | 5791419 | 1998-08-11 | Valisalo |
| | 34 | 5794702 | 1998-08-18 | Nobileau |
| | 35 | 5797454 | 1998-08-25 | Hipp |
| | 36 | 5829520 | 1998-11-03 | Johnson |
| | 37 | 5829524 | 1998-11-03 | Flanders, et al. |
| | 38 | 5833001 | 1998-11-10 | Song, et al. |
| | 39 | 5845945 | 1998-12-08 | Carstensen |
| | 40 | 5849188 | 1998-12-15 | Voll, et al. |
| | 41 | 5857524 | 1999-01-12 | Harris |
| | 42 | 5875851 | 1999-03-02 | Vick, Jr., et al. |
| | 43 | 5885941 | 1999-03-23 | Sateva, et al. |
| | 44 | 5901789 | 1999-05-11 | Donnelly, et al. |
| | 45 | 5918677 | 1999-07-06 | Head |
| 7 | 46 | 5924745 | 1999-07-20 | Campbell |
| 7 | 47 | 5931511 | 1999-08-03 | DeLange, et al. |

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|---|----|---------|------------|-------|
| 7 | 48 | 5944100 | 1999-08-31 | Hipp |
| 7 | 49 | 5944107 | 1999-08-31 | Ohmer |
| 7 | 50 | 5951207 | 1999-09-14 | Chen |

Signature

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| Examiner Name | Date |
| <i>Frank Tsao</i> | <i>1/21/05</i> |

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